



IFW

Docket No. 1793.1553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Joo-Ho KIM et al.

Serial No: 10/514,422

Group Art Unit: 2627

Confirmation No. 8814

Filed: June 29, 2005

Examiner: Unassigned

For: RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER,
INFORMATION RECORDING METHOD THEREOF, AND INFORMATION
REPRODUCING APPARATUS AND METHOD THEREFOR

SECOND REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the number of drawings and the city of residence for the first Applicant be corrected on the Corrected Filing Receipt dated May 16, 2006, and that the names and cities of residence for the first and second Assignee on the Official Filing Receipt be added. The correct number of drawings is 6, as is evidenced by the date-stamped postcard receipt attached to the application as filed. The correct city of residence for the first Applicant is **Yongin-si, REPUBLIC OF KOREA**, as is evidenced by the Declaration. For the convenience of the Patent and Trademark Office, attached is a photocopy of the Corrected Filing Receipt dated May 16, 2006, on which the errors have been noted in red.

It is requested that a corrected Official Filing Receipt be issued in this application.

Respectfully submitted,

STAAS & HALSEY LLP

Date:

March 9, 2007

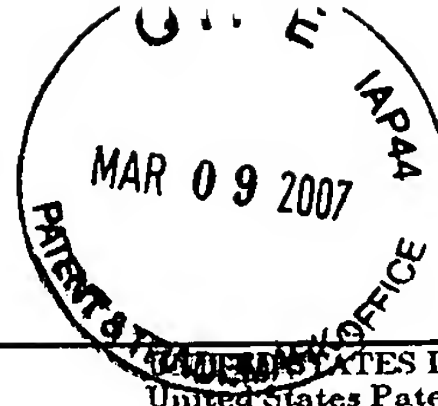
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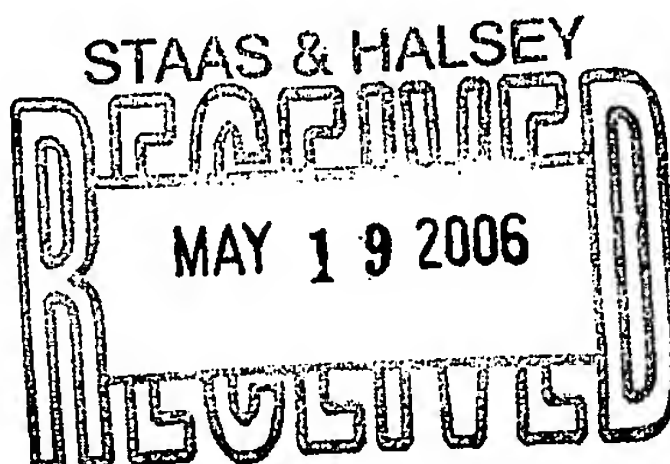
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/514,422	06/29/2005	2627	1668	1793.1553	[10] -6-	34	6

21171
STAAS & HALSEY LLP
SUITE 700
1201 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005



CONFIRMATION NO. 8814

CORRECTED FILING RECEIPT



OC000000018817156

Date Mailed: 05/16/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Joo-Ho Kim, [Jongin-si] KOREA, REPUBLIC OF; --Yongin-si--
Junji Tominaga, Ibaraki, JAPAN;

Assignment For Published Patent Application

Samsung Electronics Co., Ltd., Suwon-si, KOREA, REPUBLIC OF
National Institute of Advanced Industrial Science and Technology, Chiyoda-ku, TOKYO, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 21171.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/KR03/00968 05/16/2003

Foreign Applications

Acceptable Request to Retrieve Priority Application Received?

JAPAN 2002-141664 05/16/2002

NO

If Required, Foreign Filing License Granted: 05/16/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/514,422**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Recording medium having high melting point recording layer, information recording method thereof, and information reproducing apparatus and method therefor

Preliminary Class

369

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

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CHINA

Please Date Stamp and return

PCT Transmittal: Fee Transmittal, Preliminary Amendment (8 pages), Drawings (6 pages) (FIGS. 1, 2, 3A-3B, 4A-4B, 5), Substitute Specification (10 pages), Marked Up Specification (10 pages), Information Disclosure Statement, PTO Form 1449, copies of WO publication, International Search Report, International Preliminary Examination Report, PCT Request, Written Opinion, PCT/IB/332, PCT/IB/306, PCT/IB/301, PCT/IB/304, 9 cited foreign references, copies of 2 Co-pending Applications, Attachment 1(f), Check \$1538.00

APPLICANT(S): Joo-Ho KIM, et al.

SERIAL NO:

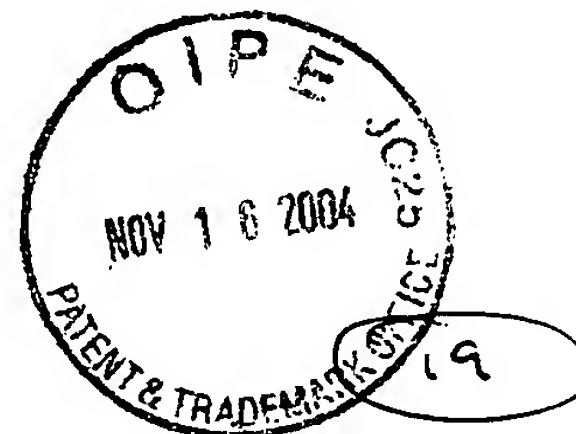
CONFIRMATION NO.

TITLE: RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER, INFORMATION RECORDING METHOD THEREOF, AND INFORMATION REPRODUCING APPARATUS AND METHOD THEREFOR

FILING DATE: November 16, 2004

DOCKET NO: 1793.1553 MDS/DXR:cr

DUE DATE: November 16, 2004



PCT Transmittal: Fee Transmittal, Preliminary Amendment (8 pages), Drawings (6 pages) (FIGS. 1, 2, 3A-3B, 4A-4B, 5), Substitute Specification (10 pages), Marked Up Specification (10 pages), Information Disclosure Statement, PTO Form 1449, copies of WO publication, International Search Report, International Preliminary Examination Report, PCT Request, Written Opinion, PCT/IB/332, PCT/IB/306, PCT/IB/301, PCT/IB/304, 9 cited foreign references, copies of 2 Co-pending Applications, Attachment 1(f), Check \$1538.00

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FILING DATE: November 16, 2004

DOCKET NO: 1793.1553 MDS/DXR:cr

DUE DATE: November 16, 2004

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER, INFORMATION RECORDING METHOD THEREOF, AND INFORMATION REPRODUCING APPARATUS AND METHOD THEREFOR

the specification of which is attached hereto, unless the following box is checked:

☒ was filed on November 16, 2004 as United States Application Number or PCT International Application Number 10/514,422 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority NOT
Claimed

<u>2002-141664</u> (Number)	<u>Japan</u> (Country)	<u>16/May/2002</u> Day/Month/Year Filed	<input type="checkbox"/>
<u> </u> (Number)	<u> </u> (Country)	<u> </u> Day/Month/Year Filed	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 120 or § 119(c) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

PCT/KR2003/000968
(Application Serial No.)

16/May/2003
(Filing Date)

Pending
(Status - patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the attorneys and agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



21171
PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Joo-Ho KIM

Inventor's Signature

Joo-Ho KIM

Date 15 June 2005

Residence Yongin-si, Republic of Korea

Citizenship Republic of Korea

Mailing Address 104-901 SK Apt., 700 Seocheon-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Full name of second inventor Junji TOMINAGA

Inventor's Signature

Date

Residence Ibaraki, Japan

Citizenship Japan

Mailing Address Central 4, 1-1-1, Higashi, Tsukubasi, Ibaraki 305-8562, Japan

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER, INFORMATION RECORDING METHOD THEREOF, AND INFORMATION REPRODUCING APPARATUS AND METHOD THEREFOR

the specification of which is attached hereto, unless the following box is checked:

☒ was filed on November 18, 2004 as United States Application Number or PCT International Application Number 10/514,422 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority NOT
Claimed

<u>2002-141664</u> (Number)	<u>Japan</u> (Country)	<u>16/May/2002</u> Day/Month/Year Filed	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ Day/Month/Year Filed	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>PCT/KR2003/000968</u> (Application Serial No.)	<u>16/May/2003</u> (Filing Date)	<u>Pending</u> (Status -- patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status -- patented, pending, abandoned)

I hereby appoint the attorneys and agents of Staes & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.



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PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Joo-Ho KIM

Inventor's Signature _____ Date _____

Residence Yongin-si, Republic of Korea Citizenship Republic of Korea

Mailing Address 104-901 SK Apt., 700 Seocheon-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Full name of second inventor Junji TOMINAGA

Inventor's Signature [Signature] Date 06/16/2005

Residence Ibaraki, Japan Citizenship Japan

Mailing Address Central 4, 1-1-1, Higashi, Tsukubasi, Ibaraki 305-8562, Japan



FIG. 1 (PRIOR ART)

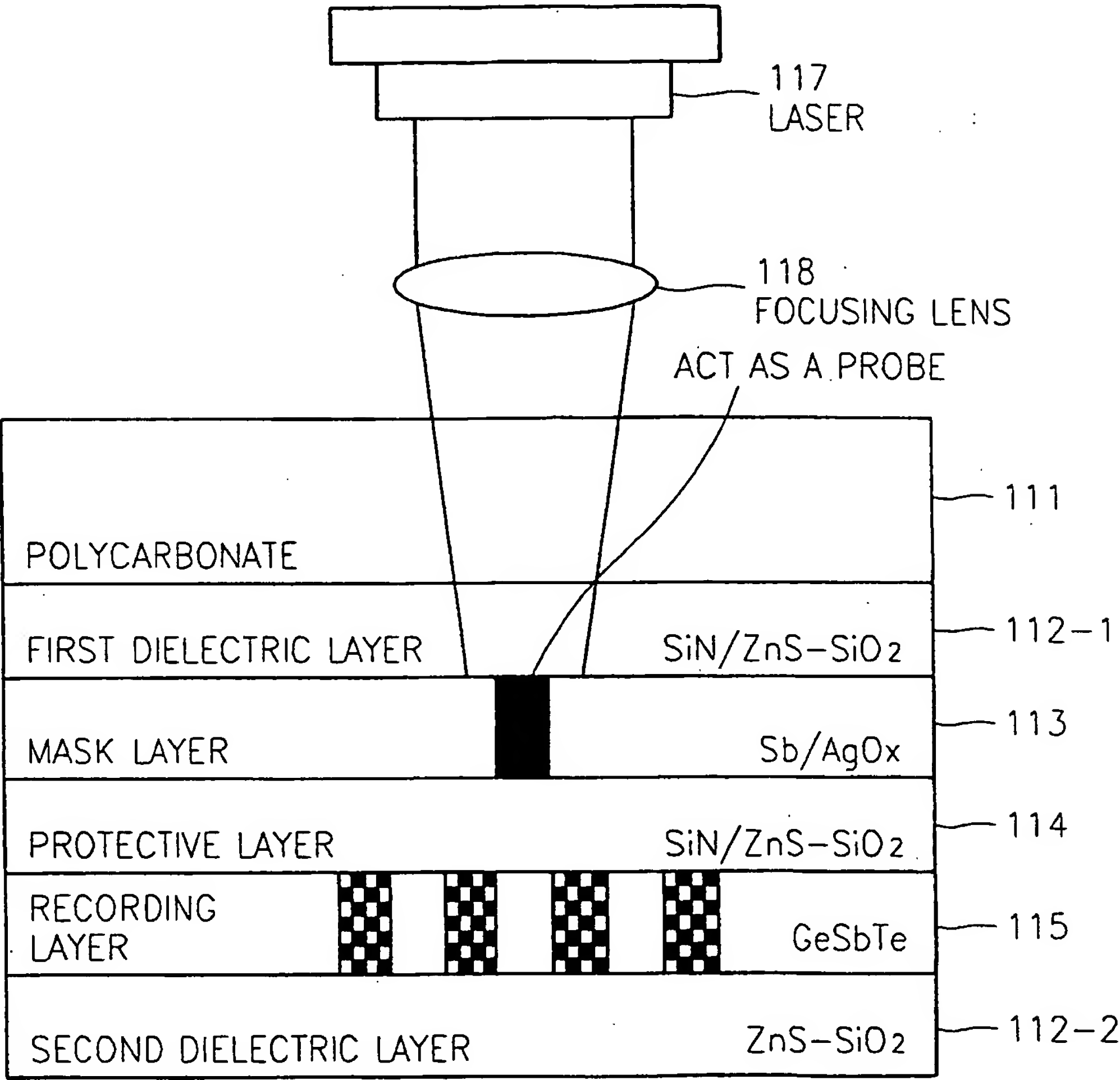
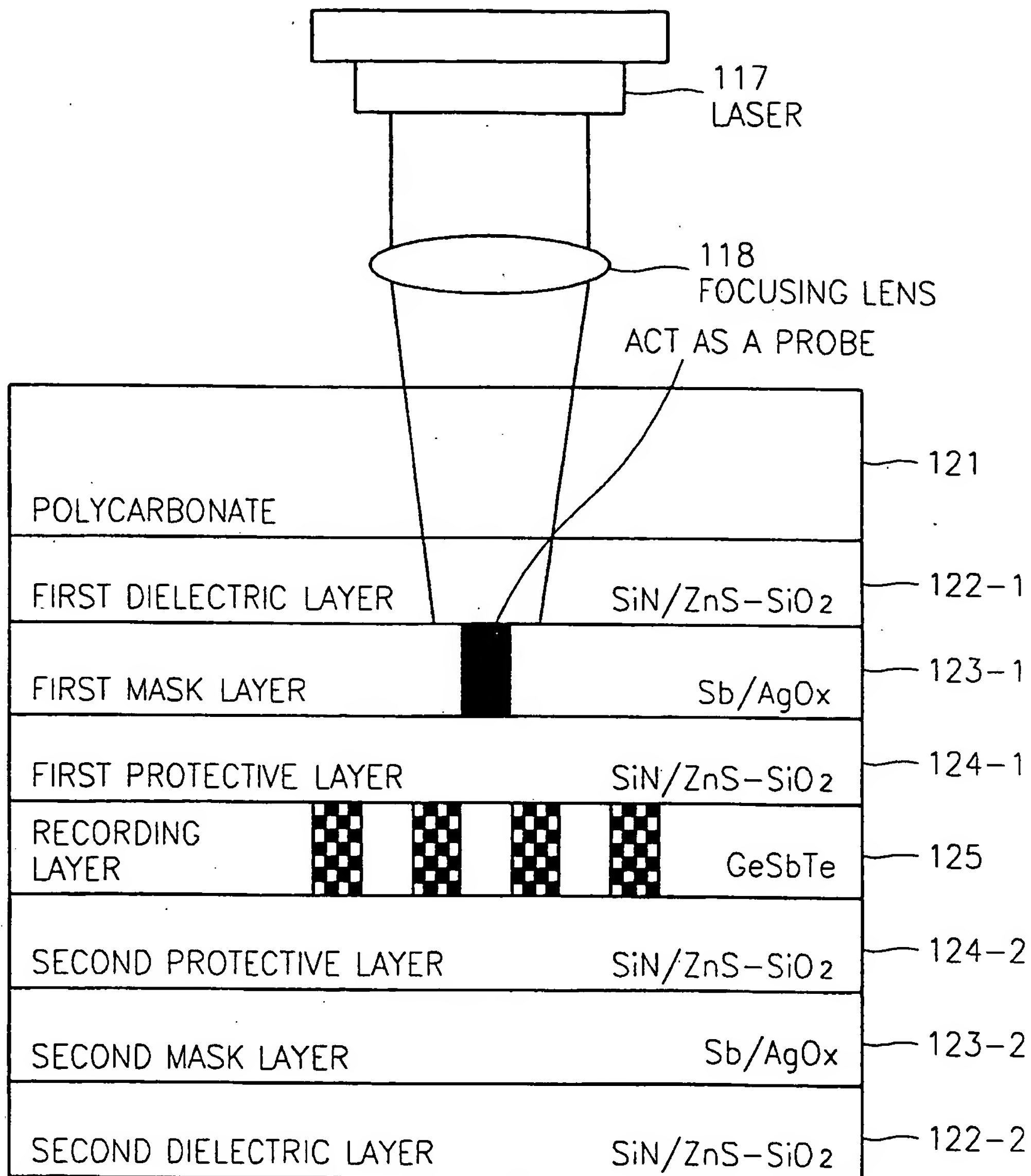




FIG. 2 (PRIOR ART)



REPLACEMENT SHEET



FIG. 3A

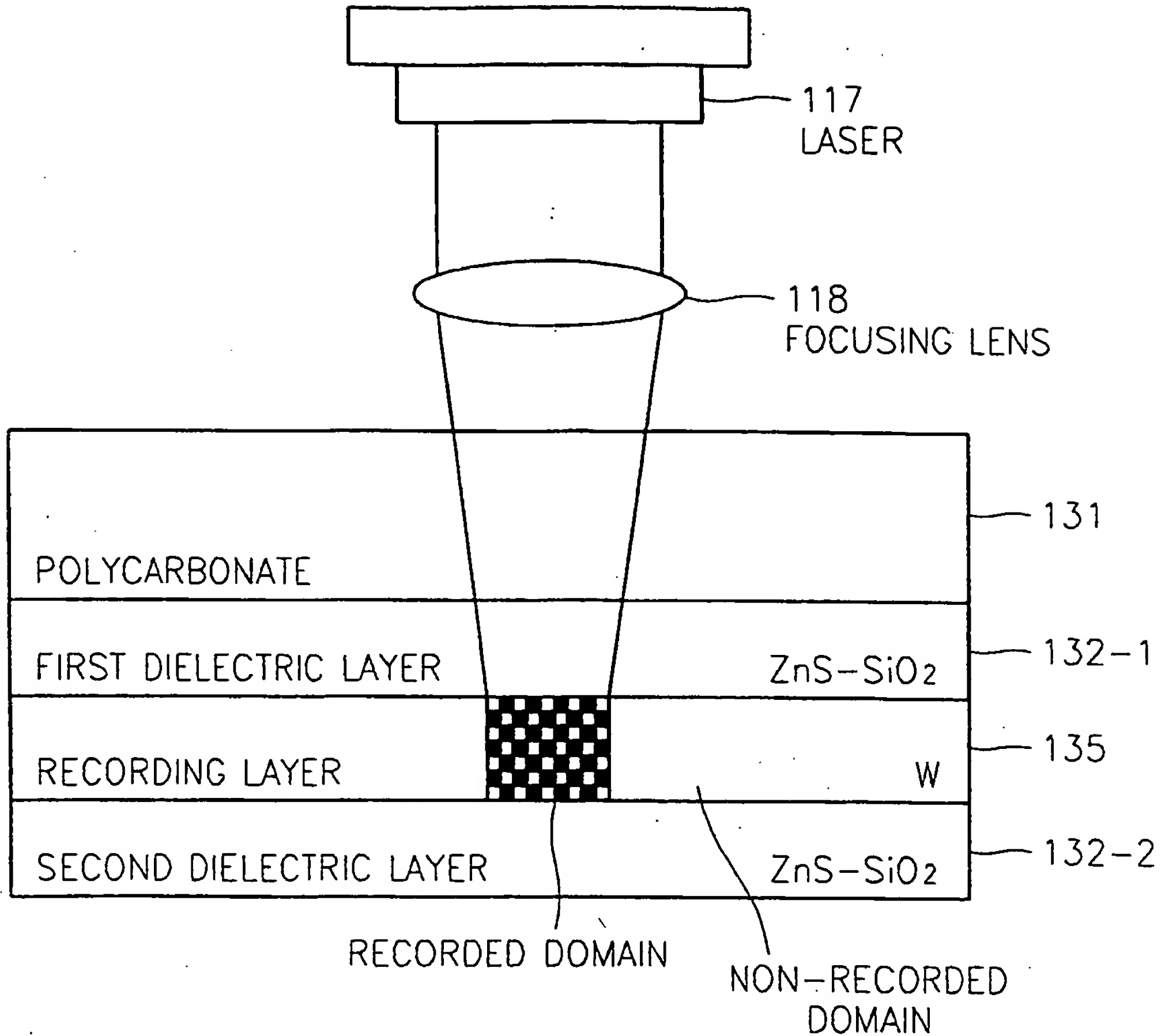
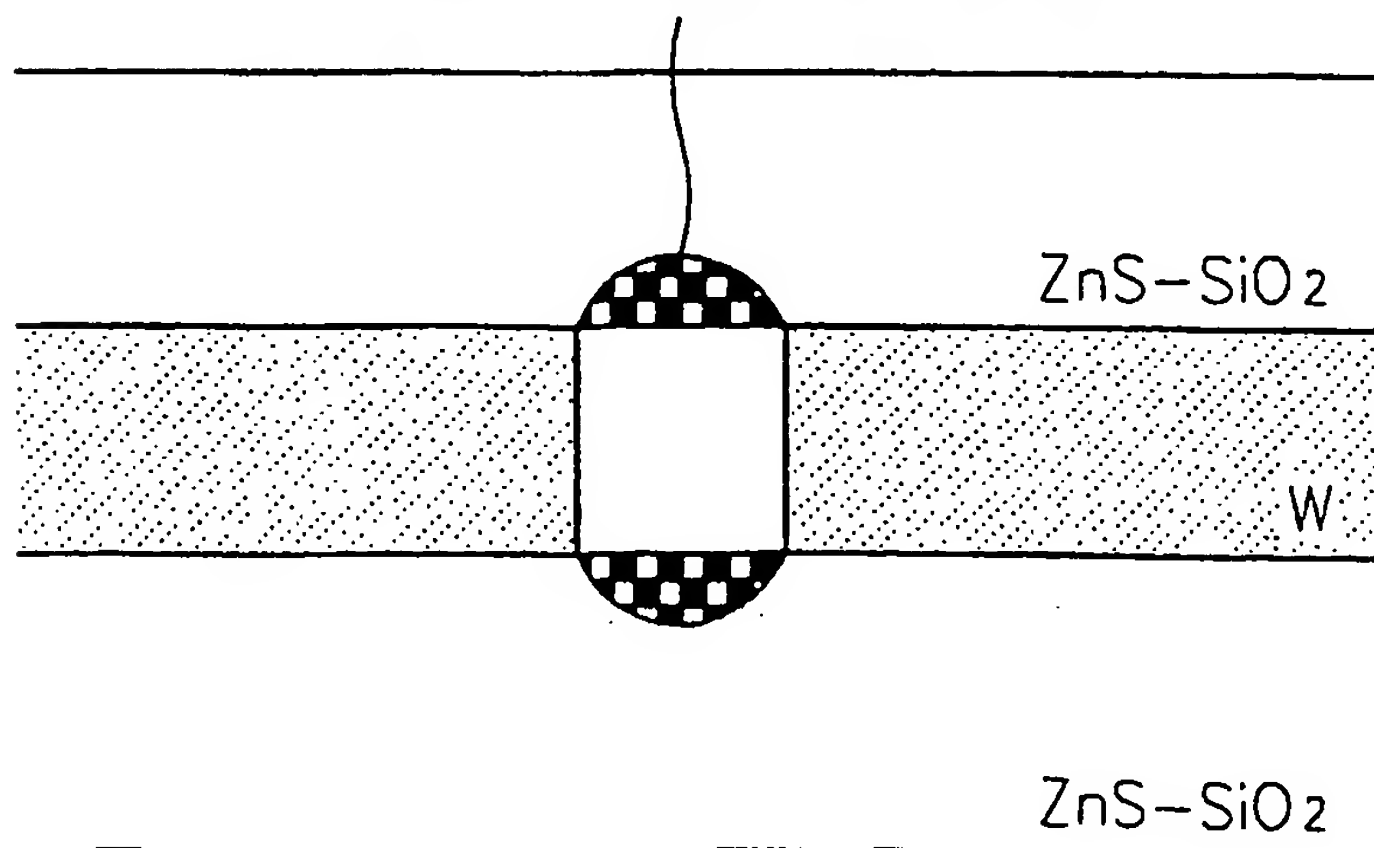


FIG. 3B

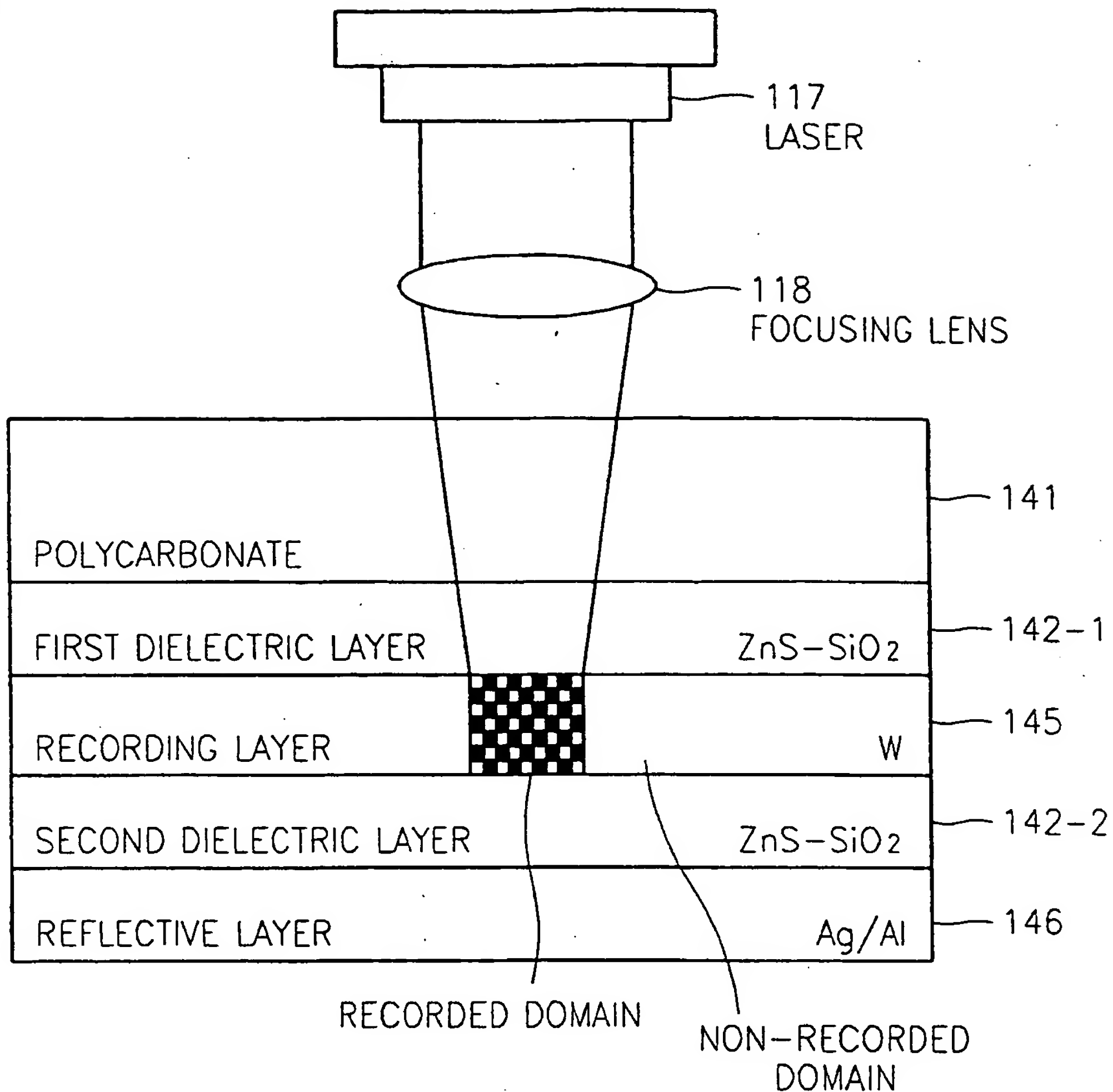
CRYSTALLINE PARTICLES FORMED BY REACTION AND DIFFUSION



REPLACEMENT SHEET



FIG. 4A



REPLACEMENT SHEET



FIG. 4B

CRYSTALLINE PARTICLES FORMED
BY REACTION AND DIFFUSION

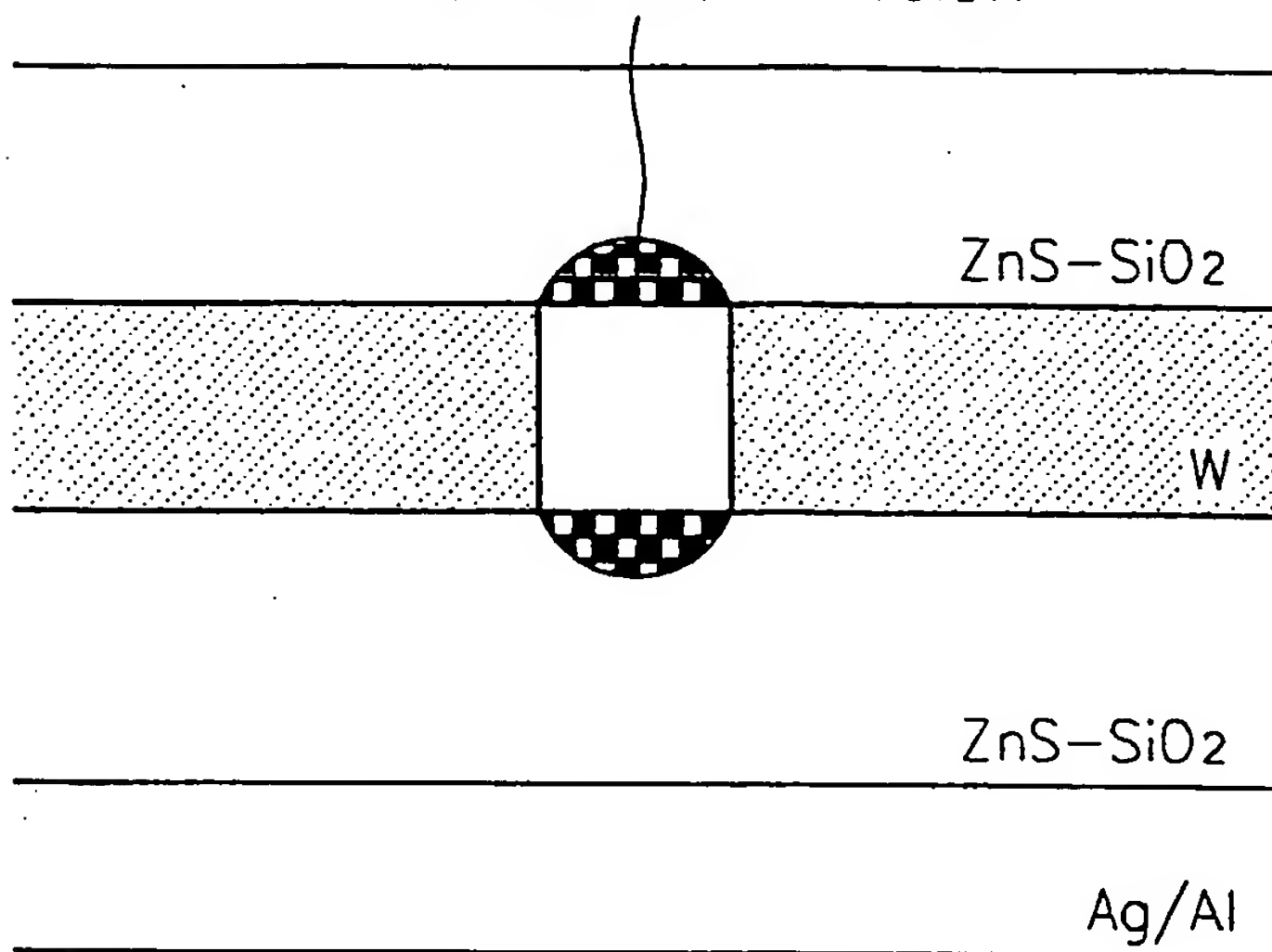




FIG. 5

